

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Dwight and David Zuck

Assignee: Quantum Global Technologies, LLC

Title: "SYSTEM FOR REMOVING CONTAMINANTS FROM SEMICONDUCTOR PROCESS EQUIPMENT"

Serial No.: Unknown Filed: July 18, 2003

Examiner: Unknown Tel: Unknown

Docket No.: Z-001-2C Art Unit: Unknown

Mail Stop Patent Application
Commissioner For Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

Pursuant to 37 C.F.R. §1.56, §1.97 and §1.98, Applicants bring the 39 documents listed on the enclosed forms PTO-1449 to the Examiner's attention in the above-captioned application. Citation of the listed documents shall not be construed as:

1. an admission that the documents are necessarily prior art with respect to the instant application;
2. a representation that a search has been made; or
3. an admission that the information cited is, or is considered to be, material to patentability as defined in §1.56(b).

Applicants are not providing copies of the documents listed on forms PTO-1449 because the documents are cited in prior applications (Serial Numbers 10/288,404 and/or 09/504,299), the benefit of which is relied upon under 35 U.S.C. §120.

I hereby certify that this correspondence is being deposited with the United States Postal Service as "Express Mail" on the date indicated below and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

July 18, 2003
Date

Laurie Moreno

Express Mail No.: ET203108735 US

Respectfully submitted,



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Attorney for Applicants
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U.S. Department of Commerce, Patent and Trademark Office	Application No.: Unknown
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT	Inventors: Dwight and David Zuck
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	Attorney Docket No. Z-001-2C

U.S. Patent Documents

*Examiner Initial		Document Number	Date	Name	Class	Subclass	Filing Date, If Appropriate
	A	4,550,579	11/5/85	Clifford	68	5C	
	B	5,851,307	12/22/98	Gilmer et al.	134	22.1	
	C	5,660,640	8/26/97	Laube	134	1	
	D	3,952,756	4/27/76	Sheppard	134	133	
	E	6,055,694	05/02/00	Steere	15	77	
	F	17,066	4/14/1857	J.H. Morrow	---	---	
	G	1,141,314	06/01/15	E.W. Caldwell	---	---	
	H	2,191,508	02/27/40	R. Stuart	95	90	
	I	3,010,460	11/28/61	E.J. Leppeau	134	135	
	J	3,077,155	02/12/63	Maddock, et al.	95	98	
	K	3,121,438	02/18/64	Kennedy	134	135	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
	L	1-263287	10-1989	Japan				
	M	3-124028	05-1991	Japan				
	N	3-246940	11-1991	Japan				
	O	5-102121	04-1993	Japan				
	P	5-152273	06-1993	Japan				

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	Q	"Aqueous/Semi-Aqueous Ultrasonic Cleaning System," Bulletin S-1029, Branson Ultrasonics Corporation (1994). 2 pages.
	R	"Aqueous Ultrasonic Cleaning System," Bulletin S-1015, Branson Ultrasonics Corporation (1992).
	S	"Aqueous Ultrasonic Cleaning System," Bulletin S-1024A, Branson Ultrasonics Corporation (1993). 2 pages.

Examiner

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with your communication to applicant.

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	T	4,302,273	11/24/81	Howard, Jr.	156	345	
	U	4,305,413	12/15/81	Dougherty	134	90	
	V	5,104,727	05/14/91	Aigo	134	102	
	W	5,697,391	12/16/97	Segawa	134	102.2	
	X	5,906,216	05/25/99	Barlet	135	58	
	Y	6,048,405	04/11/00	Skrovan et al.	134	1	

Foreign Patent Documents

							Translation	
		Document	Date	Country	Class	Subclass	Yes	No
		Z	6-271068	08-1994	Japan			
		AA	2002051405	12-2000	Korea			

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AB	"Aqueous Ultrasonic Cleaning System," Bulletin S-1014, Branson Ultrasonics Corporation (1992). 2 pages.
	AC	"Microclean Ultrasonic Cleaning Systems, PE Series Cleaning Processes for Precision Engineering Industries," Kerry Ultrasonics Limited (1993). 6 pages.
	AD	"Microsolve Ultrasonic Cleaning Systems, Solvent Processes for Precision Cleaning," Kerry Ultrasonics Limited (not dated; obtained in 1999). 6 pages.
	AE	"PA-Series™ Aqueous Precision Cleaning Systems," Forward Technology Industries, Inc. (1999). 4 pages.
	AF	"SA-Series™ Solvent Precision Cleaning Systems," Forward Technology Industries, Inc. (1999). 4 pages.
	AG	"SVG Polyimide Parts Cleaner, Maintenance and Operation Manual," Poly-Flow Engineering, Inc. (1994). 35 pages.
	AH	"Endura® PVD Process Kit Catalog," revision C, Applied Materials, Inc. (October 1993). 40 pages.

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	AI					
	AJ					
	AK					

Foreign Patent Documents

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	Document	Date	Country	Class	Subclass	Yes	No	
	AL							
	AM							
	AN							
	AO							
	AP							

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AQ	"Electric Immersion Heaters, Heat Exchangers, In-Line Heaters, and Level and Temperature Controls," available from Process Technology of Mentor, Ohio (obtained in 1999). 35 pages.
AR	ESCA Sales Brochure, undated document received September 15, 1999. 17 pages.
AS	"S2-93A Compliance Statement," reference document Ref113, Universal Plastics (1999). 8 pages.
AT	"Products & People...Creating Value Through Excellence & Innovation," Universal Plastics, Inc., (undated reference obtained in 1999). 21 pages.
AU	"Safety Design in Parts Cleaning," Poly-Flow Engineering, Inc. (not dated, obtained in 1999). 15 pages.

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